

MATERIAL SAFETY DATA SHEET

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SECTION I		
MANUFACTURER'S NAME Pursell Industries Inc.		EMERGENCY TELEPHONE NO CHEMTREC (800) 424-9300 MANUFACTURER (800) 874-8892
ADDRESS (Number, Street, City, State and Zip Code) 1500 Urban Center Parkway, Suite 520 Birmingham, AL 35242		
CHEMICAL NAME AND SYNONYMS SEE SECTION II	TRADE NAME AND SYNONYMS 16-16-16 All Purpose Lawn & Garden Fertilizer	
CHEMICAL FAMILY 100% INORGANIC SALTS	CHEMICAL FORMULA N/A	
HAZARD CLASS NON-HAZARDOUS	IDENTIFICATION NO NONE	PLACARD/LABEL REQUIRED NONE
SECTION II - HAZARDOUS INGREDIENTS		
TYPICAL ANALYSIS		
18-45-0 (DAP)	WT. %	CAS #
AMMONIUM NITRATE	35.25	7783-28-0
MURIATE OF POTASH (KCL)	29.00	5484-52-2
GYPSUM	27.00	7447-40-7
	8.75	10101-41-4
SECTION III - PHYSICAL DATA		
BOILING POINT (°F) N/A	SPECIFIC GRAVITY (H₂O=1) N/A	
VAPOR PRESSURE (mmHg) N/A	PERCENT VOLATILE BY VOLUME (%) N/A	
VAPOR DENSITY (AIR = 1) N/A	EVAPORATION RATE (_____ =1) N/A	
SOLUBILITY IN WATER APPRECIABLE		
APPEARANCE AND ODOR GRANULES		
SECTION IV - FIRE AND EXPLOSION HAZARD DATA		
FLASH POINT (METHOD USED) NON-FLAMMABLE	FLAMMABLE N/A	LIMITS N/A
EXTINGUISHING MEDIA USE SUITABLE AGENT FOR SURROUNDING FIRE SUCH AS WATER, DRY POWDER, FOAM OR CO ₂		
SPECIAL FIRE FIGHTING PROCEDURES APPROVED SELF-CONTAINED BREATHING APPARATUS FOR FIRE FIGHTERS		
UNUSUAL FIRE AND EXPLOSION HAZARDS TOXIC GASES OF NITROGEN OXIDES, FLUORINE, AMMONIA MAY FORM AT DECOMPOSING TEMPERATURES. LARGE AMOUNTS OF DUST FROM THIS PRODUCT MAY BE EXPLOSIVE WHEN IN CONTACT WITH OPEN FLAME DUE TO AMMONIUM NITRATE PRESENT. KEEP AWAY FROM ORGANIC SOLVENTS.		

15-16-16 ALL PURPOSE

SECTION V - HEALTH HAZARD DATA			
THRESHOLD LIMIT VALUE AS A NUISANCE DUST 10 Mg/M ³ - ACGIH - 1992			
EFFECTS OF OVER EXPOSURE PROLONGED CONTACT MAY BE MILDLY TO MODERATELY IRRITATING TO SKIN, EYES, AND RESPIRATORY MUCOUS MEMBRANES IF INGESTED MAY BE SLIGHTLY TOXIC DUE TO AMMONIUM NITRATE AND AMMONIA SALTS PRESENT			
EMERGENCY AND FIRST AID PROCEDURES SKIN - WASH WITH SOAP AND WATER EYES - WASH FOR 15 MINUTES OR UNTIL IRRITATION SUBSIDES INGESTED - IF INGESTED GIVE LARGE AMOUNTS OF WATER, MILK OR ACTIVATED CHARCOAL IF PERSON FEELS ILL. TAKE PERSON AND CONTAINER/LABEL TO NEAREST EMERGENCY TREATMENT CENTER OR HOSPITAL NOT LISTED AS A CARCINOGEN BY OSHA OR NTP			
SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID AVOID MOISTURE AND HEAT KEEP AWAY FROM ORGANIC SOLVENTS.
	STABLE	X	ESPECIALLY DIESEL SOLVENT
INCOMPATIBILITY (MATERIALS TO AVOID) ORGANIC SOLVENTS, ESPECIALLY DIESEL FUEL			
HAZARDOUS DECOMPOSITION PRODUCTS NITROGEN OXIDES FLUORINE & AMMONIA			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	
SECTION VII - SPILL OR LEAK PROCEDURES			
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED CLEAN SPILLS IMMEDIATELY, PLACE MATERIAL IN CONTAINERS AND TAKE BACK TO PLANT FOR RECYCLING CONTAIN TO PREVENT ENTRY INTO SEWER OR WATER COURSE CHECK WITH LOCAL HEALTH AUTHORITIES FOR APPROVED DISPOSAL METHOD			
WASTE DISPOSAL METHOD PLACE CONTAMINATED MATERIAL IN DISPOSABLE CONTAINERS AND DISPOSE OF IN A MANNER CONSISTENT WITH LOCAL, STATE & FEDERAL REGULATIONS. RECLAIM MATERIAL IF PRACTICABLE WEAR PROTECTION AT ALL TIMES			
SECTION VIII - SPECIAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION (Specify type) USE NIOSH/MSHA APPROVED DUST MASK FOR NUISANCE DUST			
VENTILATION	LOCAL EXHAUST	SPECIAL	
OPEN	MECHANICAL (General)	OTHER	
PROTECTIVE GLOVES	EYE PROTECTION		
IMPERVIOUS TYPE GLOVES	CHEMICAL GOGGLES		
OTHER PROTECTIVE EQUIPMENT CHANGE CLOTHES AND BATHE DAILY WASH CLOTHES SEPARATELY BEFORE REUSE			
SECTION IX - SPECIAL PRECAUTIONS			
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING AVOID CONTACT WITH EYES AND SKIN, WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING STORE IN DRY, COOL PLACE			
OTHER PRECAUTIONS KEEP AWAY FROM OPEN FIRES AVOID CAUSING DUST WHILE HANDLING CORROSIVE TO COPPER, BRASS AND THEIR ALLOYS			

Updated 1/3/100